Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 27/02/2020

Lab ID	:	**CP-2020-10-21-80**
Customer	:	Assistant Executive Engineer, Shettyhalli Sub Division, BBMP, Bangalore.
Address	:	Shettyhalli Sub Division, BBMP, Bangalore.
Project Name	:	Construction of Cement Concrete Roads and Other Works in Abbigere Colony From 1st to 6th Cross in Ward No 12 Shettyhalli Sub Division
Agency	:	M/S Technical Manger (West), Karnataka Rural Infrastructure Development Limited, No.280, 59th Cross 17th C Maain Road, 3rd Y Block Rajajinagara, Bangaluru-560010
Customer's Reference	:	EE/DD/W.O/438/2019-20
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	22-02-20
Customer ID	:	Drain Bottom Slab Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	27/02/2020

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Bottom Slab Concrete	M20	20/02/2020	27/02/2020	150.77 X 151.62 X 150.64	22859	8.039	429.8	18.8	18.5
2	Drain Bottom Slab Concrete	M20	20/02/2020	27/02/2020	150.63 X 150.63 X 151.41	22689	8.479	415.1	18.3	
3	Drain Bottom Slab Concrete	M20	20/02/2020	27/02/2020	149.92 X 151.71 X 149.08	22744	8.939	418.8	18.4	

* The results obtained are satisfactory as per standard requirements.

Note:

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R RUDRAPRASAD
Authorized Signatory
Technical Manager

Page 1/1
****End of Report****

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 19/03/2020

Lab ID	:	**CP-2020-10-21-80**
Customer	:	Assistant Executive Engineer, Shettyhalli Sub Division, BBMP, Bangalore.
Address	:	Shettyhalli Sub Division, BBMP, Bangalore.
Project Name	:	Construction of Cement Concrete Roads and Other Works in Abbigere Colony From 1st to 6th Cross in Ward No 12 Shettyhalli Sub Division
Agency	:	M/S Technical Manger (West), Karnataka Rural Infrastructure Development Limited, No.280, 59th Cross 17th C Maain Road, 3rd Y Block Rajajinagara, Bangaluru-560010
Customer's Reference	:	EE/DD/W.O/438/2019-20
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	22-02-20
Customer ID	:	Drain Bottom Slab Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	19/03/2020

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Bottom Slab Concrete	M20	20/02/2020	19/03/2020	149.20 X 151.86 X 151.89	22657	8.610	521.4	23.0	22.9
2	Drain Bottom Slab Concrete	M20	20/02/2020	19/03/2020	150.67 X 150.52 X 151.94	22679	8.374	502.1	22.1	
3	Drain Bottom Slab Concrete	M20	20/02/2020	19/03/2020	151.37 X 150.69 X 150.20	22811	8.325	535.8	23.5	

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2020-10-21-80** **Date: 02/03/2020**

Customer : Assistant Executive Engineer, Shettyhalli Sub Division, BBMP, Bangalore.

Address : Shettyhalli Sub Division, BBMP, Bangalore.

Project Name : Construction of Cement Concrete Roads and Other Works in Abbigere Colony From 1st to 6th Cross in Ward No 12 Shettyhalli Sub Division

Agency : M/S Technical Manger (West), Karnataka Rural Infrastructure Development Limited, No.280, 59th Cross 17th C Maain Road, 3rd Y Block Rajajinagara, Bangaluru-560010

Customer's Reference : EE/DD/W.O/438/2019-20

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 26-02-20

Customer ID : Drain Side Wall Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 02/03/2020

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Side Wall Concrete	M20	24/02/2020	02/03/2020	149.35 X 149.00 X 151.94	22254	8.039	417.5	18.8	18.8
2	Drain Side Wall Concrete	M20	24/02/2020	02/03/2020	151.79 X 151.64 X 149.23	23016	8.479	431.9	18.8	
3	Drain Side Wall Concrete	M20	24/02/2020	02/03/2020	150.56 X 149.35 X 149.24	22487	8.939	426.0	18.9	

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2020-10-21-80 **Date: 23/03/2020**

Customer : Assistant Executive Engineer, Shettyhalli Sub Division, BBMP, Bangalore.

Address : Shettyhalli Sub Division, BBMP, Bangalore.

Project Name : Construction of Cement Concrete Roads and Other Works in Abbigere Colony From 1st to 6th Cross in Ward No 12 Shettyhalli Sub Division

Agency : M/S Technical Manger (West), Karnataka Rural Infrastructure Development Limited, No.280, 59th Cross 17th C Maain Road, 3rd Y Block Rajajinagara, Bangaluru-560010

Customer's Reference : EE/DD/W.O/438/2019-20

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 26-02-20

Customer ID : Drain Side Wall Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 23/03/2020

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Side Wall Concrete	M20	24/02/2020	23/03/2020	150.44 X 150.90 X 151.22	22702	8.610	525.2	23.1	22.9
2	Drain Side Wall Concrete	M20	24/02/2020	23/03/2020	149.93 X 150.96 X 149.83	22633	8.374	501.8	22.2	
3	Drain Side Wall Concrete	M20	24/02/2020	23/03/2020	151.48 X 150.16 X 150.36	22747	8.325	534.6	23.5	

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2020-10-21-80** **Date: 02/03/2020**

Customer : Assistant Executive Engineer, Shettyhalli Sub Division, BBMP, Bangalore.

Address : Shettyhalli Sub Division, BBMP, Bangalore.

Project Name : Construction of Cement Concrete Roads and Other Works in Abbigere Colony From 1st to 6th Cross in Ward No 12 Shettyhalli Sub Division

Agency : M/S Technical Manger (West), Karnataka Rural Infrastructure Development Limited, No.280, 59th Cross 17th C Maain Road, 3rd Y Block Rajajinagara, Bangaluru-560010

Customer's Reference : EE/DD/W.O/438/2019-20

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 26-02-20

Customer ID : Drain Side Wall Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 02/03/2020

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Side Wall Concrete	M20	24/02/2020	02/03/2020	151.35 X 151.02 X 149.99	22856	8.039	423.1	18.5	18.6
2	Drain Side Wall Concrete	M20	24/02/2020	02/03/2020	149.76 X 149.64 X 150.68	22411	8.479	422.4	18.8	
3	Drain Side Wall Concrete	M20	24/02/2020	02/03/2020	149.63 X 149.58 X 151.06	22382	8.939	415.5	18.6	

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2020-10-21-80** **Date: 23/03/2020**

Customer : Assistant Executive Engineer, Shettyhalli Sub Division, BBMP, Bangalore.

Address : Shettyhalli Sub Division, BBMP, Bangalore.

Project Name : Construction of Cement Concrete Roads and Other Works in Abbigere Colony From 1st to 6th Cross in Ward No 12 Shettyhalli Sub Division

Agency : M/S Technical Manger (West), Karnataka Rural Infrastructure Development Limited, No.280, 59th Cross 17th C Maain Road, 3rd Y Block Rajajinagara, Bangaluru-560010

Customer's Reference : EE/DD/W.O/438/2019-20

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 26-02-20

Customer ID : Drain Side Wall Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 23/03/2020

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Side Wall Concrete	M20	24/02/2020	23/03/2020	151.21 X 151.59 X 151.43	22923	8.610	535.1	23.3	23.1
2	Drain Side Wall Concrete	M20	24/02/2020	23/03/2020	151.04 X 149.39 X 151.84	22564	8.374	499.2	22.1	
3	Drain Side Wall Concrete	M20	24/02/2020	23/03/2020	151.06 X 150.46 X 149.20	22730	8.325	539.3	23.7	

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Customer's Reference : EE/DD/W.O/438/2019-20

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 26-02-20

Customer ID : Drain Side Wall Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 02/03/2020

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Side Wall Concrete	M20	24/02/2020	02/03/2020	151.59 X 149.49 X 151.91	22661	8.039	429.3	18.9	18.6
2	Drain Side Wall Concrete	M20	24/02/2020	02/03/2020	150.10 X 151.44 X 149.39	22732	8.479	425.9	18.7	
3	Drain Side Wall Concrete	M20	24/02/2020	02/03/2020	150.65 X 149.79 X 150.94	22566	8.939	407.2	18.0	

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2020-10-21-80**

Date: 23/03/2020

Customer : Assistant Executive Engineer, Shettyhalli Sub Division, BBMP, Bangalore.

Address : Shettyhalli Sub Division, BBMP, Bangalore.

Project Name : Construction of Cement Concrete Roads and Other Works in Abbigere Colony From 1st to 6th Cross in Ward No 12 Shettyhalli Sub Division

Agency : M/S Technical Manger (West), Karnataka Rural Infrastructure Development Limited, No.280, 59th Cross 17th C Maain Road, 3rd Y Block Rajajinagara, Bangaluru-560010

Customer's Reference : EE/DD/W.O/438/2019-20

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 26-02-20

Customer ID : Drain Side Wall Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 23/03/2020

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Side Wall Concrete	M20	24/02/2020	23/03/2020	151.91 X 149.04 X 151.17	22640	8.610	542.5	24.0	23.3
2	Drain Side Wall Concrete	M20	24/02/2020	23/03/2020	150.96 X 151.63 X 149.70	22891	8.374	519.2	22.7	
3	Drain Side Wall Concrete	M20	24/02/2020	23/03/2020	151.43 X 151.33 X 150.27	22915	8.325	533.2	23.3	

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